



ServPoET

ServPoET is a high-performance access concentrator that helps service providers maximize network investments and improve operational efficiency.

AUTOMATION, VISIBILITY, AND CONTROL TO FUEL YOUR GROWTH

ServPoET™ Fine Point Technologies' ServPoET BMS 1000 is the industry's largest capacity PPPoE termination server. With 6,000 subscribers per blade capacity, the ServPoET BMS 1000 can grow with your network to support up to 72,000 simultaneous subscriber sessions in one 14U form factor.

ServPoET BMS 1000 is built on the Advanced Telecom Computing Architecture, or AdvancedTCA* which is a series of industry standard specifications for the next generation of carrier grade communications equipment. The BMS 1000 incorporates the latest trends in high speed interconnect technologies, next generation processors, and improved reliability, manageability and serviceability, resulting in a Broadband Management Server optimized for communications.

14U SHELF

The BMS 1000 features 14 board slots, vertically mounted in a 14U enclosure, providing high subscriber session termination. Two of these slots are managed Layer 2 and 3 switches. The remaining twelve slots are available for ServPoET BMS blades at 6,000 subscriber termination per slot.

The BMS 1000 achieves high availability utilizing redundant -48 VDC power, redundant management modules, and industry-leading power and thermal capabilities. The hot-swappable fan tray assembly supports the demanding communications application environment with efficient front-to-rear cooling and multiple levels of internal redundancy. The BMS 1000 supports hotswappable switches and ServPoET BMS blades.

HIGH PERFORMANCE SINGLE BOARD COMPUTER

The BMS 1000 High-Performance Single Board Computer (compliant with AdvancedTCA* specifications) can achieve greater performance levels than have been previously supported on other standards-based blade products.

ETHERNET SWITCH

The BMS 1000 base and fabric interface switch features two managed Layer 2 and 3 switches with six Gigabit Ethernet ports to support the 12 ServPoET BMS slots, making the BMS 1000 ideal for next-generation networks, as well as for service provider communications applications that require an integrated BMS solution that can deliver optimum performance and system reliability.

ATM ADAPTER

The BMS ATM interface for our high performance single board computers is designed especially for high-availability, high-bandwidth access applications at reliable ATM connectivity of up to 155 Mbps.

COMPLETE REDUNDANCY

Redundant -48 VDC power, redundant management modules, redundant Base Fabric Switches, Fine Point Technologies' patent-pending SmartCluster™ Advanced Clustering Technology, and industry-leading power and thermal capabilities make the ServPoET BMS 1000 the leading choice for 99.9999% uptime guarantees.

BROAD SET OF INTERFACES

The ServPoET BMS 1000 base fabric switch features two managed Layer 2 and 3 switches with six Gigabit Ethernet ports to support the 12 ServPoET BMS slots, the ServPoET BMS 1000 also enables Service Providers with legacy ATM infrastructure to utilize the AdvancedTCA (ATCA) platform by offering ATM interfaces, making the ServPoET BMS 1000 ideal for next generation networks.

MULTIPLE PROTOCOL ENCAPSULATION SUPPORT

Point to Point Protocol over Ethernet (PPPoE), Point to Point Protocol over Ethernet over ATM (PPPoEoA), Point to Point Protocol over ATM (PPPoA), Bridged ATM (1483 / 2684) over Ethernet, Layer 2 Tunneling Protocol (L2TP, LAC/LNS), and 802.1q (Tagged VLAN), allowing for multiple different types of subscriber aggregation.

FEATURES

Multiple Protocol Encapsulation Support

High Performance with Flexibility

Easy Upgrade

Expanded Network Capacity

PPPoE Load Balancing

Ease of Use and Setup



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ABOUT FINE POINT TECHNOLOGIES

Fine Point Technologies is a privately-held company that focuses on developing software tools that connect network operators to their customers. Fine Point offers solutions for device management, installation, customer care, broadband access concentration, and data analytics. Fine Point's solutions manage both wireline and wireless platforms from a single server, providing network operators with a single user interface to manage all devices. Learn more at www.finepoint.com